

ABSTRACT

A method for compensating for the Doppler effect in a communication system where messages are transmitted at a low data rate to a user terminal that is inside a building. The method comprising acquiring a pilot signal prior to the user terminal entering the building; placing the user terminal into a deep paging mode prior to the user terminal entering the building; tracking Doppler as the user terminal proceeds into the building; and monitoring an auxiliary paging channel after activating said deep paging mode.